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MIRRELL (TM)  
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Release 3.1A John F. Collins, Biocomputing Research Unit.  
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Mpsrch\_n n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Tue Oct 26 08:02:34 1999: Maspar time 23.19 Seconds 940.454 Million cell updates/sec

Regular output not generated.

Database: >US-08-978-217-6

Description: (1-252) from US08978217.seq

Perfect Score: 252 1 AATTGTCCTTGAGAGCT.....CGGACCTGTGGCGACGA 252

N.A. Sequence: 1 TTAACGCGGACACTCTGCA.....GGCGGTGACACGCGCTCT

Scoring table: TABLE default

Gap 6

Nmatch STD: Dbase 0; Query 0

Searched: 165353 seqs, 43264542 bases x 2

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database: n-Issued 1:5A\_COMB 2:5B\_COMB 3:5C\_COMB 4:PCT9\_COMB 5:backfiles1

Statistics: Mean 7.464; Variance 4.584; scale 1.628

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

o.	Score	Query Match Length	ID	Description	Pred. No.
1	252	100.0	1920 3	US-08-746- Sequence 1, Applicatio	4.97e-152
2	34	13.5	215 1	US-08-238- Sequence 5, Applicatio	1.77e-07
3	33	13.1	965 3	US-08-388- Sequence 22, Applicati	6.53e-07
4	30	11.9	965 3	US-08-388- Sequence 22, Applicati	3.06e-05
5	29	11.5	215 1	US-08-238- Sequence 5, Applicatio	1.08e-04
6	26	10.3	74 4	PCT-US95-1 Sequence 94, Applicati	4.36e-03
7	26	10.3	81 4	PCT-US95-1 Sequence 92, Applicati	4.36e-03
8	24	9.5	75 4	PCT-US95-1 Sequence 99, Applicati	4.77e-02
9	24	9.5	82 4	PCT-US95-1 Sequence 97, Applicati	4.77e-02
10	24	9.5	2380 3	US-08-572- Sequence 144, Applicatio	1.54e-01
11	23	9.1	66 1	US-08-471- Sequence 142, Applicat	1.54e-01
12	23	9.1	69 1	US-08-471- Sequence 143, Applicat	4.85e-01
13	22	8.7	68 1	US-08-471- Sequence 140, Applicat	4.85e-01
14	22	8.7	74 4	PCT-US95-1 Sequence 100, Applicat	4.85e-01
15	22	8.7	81 4	PCT-US95-1 Sequence 98, Applicati	4.85e-01
16	22	8.7	7559 3	US-08-250- Sequence 2, Applicatio	4.85e-01
17	21	8.3	65 1	US-08-471- Sequence 145, Applicat	1.50e+00
18	21	8.3	66 1	US-08-471- Sequence 144, Applicat	1.50e+00
19	21	8.3	69 1	US-08-471- Sequence 142, Applicat	1.50e+00
20	21	8.3	74 4	PCT-US95-1 Sequence 94, Applicati	1.50e+00

RESULT	ID	US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.	ALIGNMENTS
21	21	8.3	81 4 PCT-US95-1 Sequence 92, Applicati
22	21	8.3	82 4 PCT-US95-1 Sequence 97, Applicati
23	21	8.3	1244 1 US-08-417- Sequence 7, Applicatio
24	21	8.3	1244 1 US-07-816- Sequence 7, Applicatio
25	21	8.3	2159 3 PCT-US95-1 Sequence 2, Applicatio
26	21	8.3	2304 3 US-08-464- Sequence 1, Applicatio
27	21	8.3	2304 1 US-08-464- Sequence 1, Applicatio
28	21	8.3	6306 1 US-08-467- Sequence 3, Applicatio
29	21	8.3	6306 2 US-08-466- Sequence 3, Applicatio
30	21	8.3	6306 2 PCT-US93-0 Sequence 3, Applicatio
31	21	8.3	6306 2 US-08-470- Sequence 3, Applicatio
32	21	8.3	6306 2 US-08-195- Sequence 87, Applicati
33	21	7.9	56 4 PCT-US95-1 Sequence 100, Applicati
34	20	7.9	74 4 PCT-US95-1 Sequence 99, Applicati
35	20	7.9	75 4 PCT-US95-1 Sequence 98, Applicati
36	20	7.9	81 4 PCT-US95-1 Sequence 174, Applicat
37	20	7.9	423 1 US-08-470- Sequence 3, Applicatio
38	20	7.9	669 3 US-08-896- Sequence 1, Applicatio
39	20	7.9	1140 3 US-08-896- Sequence 37, Applicati
40	20	7.9	1305 3 US-08-896- Sequence 93, Applicati
41	19	7.5	66 4 PCT-US95-1 Sequence 45, Applicatio
42	19	7.5	260 3 US-08-594- Sequence 5, Applicatio
43	19	7.5	1351 2 US-08-417- Sequence 14, Applicati
44	19	7.5	7218 2 US-08-232- Sequence 13, Applicati
45	19	7.5	9515 3 US-08-362- Sequence 13, Applicati

1  
AC xxxxxx  
DE Sequence 1, Application US/08746789A  
CC Patent No. 5789200  
CC GENERAL INFORMATION:  
CC APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck  
CC TITLE OF INVENTION: A No. 5789200e1 Human ERS Family Member, ERF3  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: SmithKline Beecham Corporation  
CC STREET: 709 Swedeland Road, P.O. Box 1539  
CC CITY: King of Prussia  
CC STATE: PA  
CC COUNTRY: USA  
CC ZIP: 19406-0939  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
CC SOFTWARE: MICROSOFT WORD  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/746,789A  
CC FILING DATE: No. 5789200e1 15, 1996  
CC CLASSIFICATION: 514  
CC PRIOR APPLICATION DATA:  
CC APPLICATION NUMBER:  
CC FILING DATE:  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: William T. Han  
CC REGISTRATION NUMBER: 34,344  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: 610 270 5219  
CC TELEFAX: 610 270 4026  
CC INFORMATION FOR SEQ ID NO: 1:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 1920  
CC TYPE: Nucleic Acid  
CC STRANDEDNESS: Single  
CC TOPOLOGY: Linear  
CC ANTI-SENSE: NO

